

# IV70 BOX PC

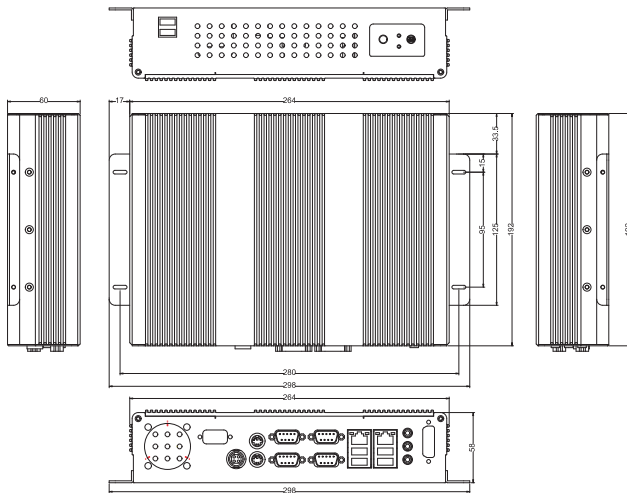
IV70SB7 with Three Serial Port,  
Dual Giga LAN, Six USB  
Alu.Fin BOX PC

Rugged BOX PC Series - IV70 Intel® 3rd Generation Core™ i7 / i5 / i3 Processor BOX PC

## IV70SB7-111



IV70SB7-111



- \* Measurements shown in mm
- \* Tolerance of all dimensions is shown as follow 0~30 mm ± 0.1mm, 30~50 mm ± 0.15 mm, 50~120 mm ± 0.2 mm, above 120 mm ± 0.25 mm
- \* Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.

### Features:

- Intel® 3rd Generation Core™ i7/i5/i3 processor (Ivy Bridge)
- Flexible storage devices, One 2.5-inch HDD and One SSD socket
- Multiple I/Os, Three Serial Ports and Six USB Ports
- Supports +12V DC-IN Power input



- I. Power Reset Button
- II. Power / HDD LED
- III. Power On Button
- IV. USB 2.0



- 1. Power Jack
- 2. PS/2
- 3. RS-232 Conn.
- 4. RS232/422/485 Conn.
- 5. VGA Conn.
- 6. USB 3.0
- 7. RJ-45
- 8. Audio Jack
- 9. RS-232(Optional)
- 10. DVI (Optional)

### System Specification

<b>Processor</b>	: Intel® 3rd Generation Core™ i7/i5/i3 processor (Ivy Bridge)
<b>BIOS</b>	: AMI UEFI BIOS
<b>System Chipset</b>	: Intel® 7 series Chipset (HM76)
<b>System Memory</b>	: 2 x SODIMM, Max 16GB DDR3 1333/1600
<b>Graphic Chipset</b>	: Integrated Intel® HD Graphic 4000
<b>Ethernet</b>	: Dual Broadcom BCM57780 GbE
<b>Audio</b>	: Realtek ALC886 HD codec (Line-in, Line out, Mic-in)
<b>USB</b>	: 6 x USB ports, 4 x USB 3.0, 2 x USB 2.0
<b>Serial</b>	: 2 x RS232, 1 x RS232/422/485 ports, 1 x RS232(Optional) 1 x DVI (Optional)
<b>SSD Interface</b>	: 1 x mSATA SSD slot

### Mechanical Specification

<b>Construction</b>	: Aluminum housing
<b>Mounting</b>	: Desktop/wall-mounting
<b>Dimension</b>	: 264 x 57 x 192 mm (W x H x D)

### Power Supply

<b>Power Input</b>	: +12V DC-IN(Lockabl,Power Jack)
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### Environmental Specification

<b>Operation Temperature</b>	: 0~ 50°C
<b>Operating Humidity</b>	: 30% ~ 90% (non-condensing, RH)

### I/O Connectors

<b>Rear Panel External I/Os</b>	: 2 x RJ-45(10/100/1000 Mbps) 2 x RS-232 Conn 1 x RS-232/422/485 Conn 1 x RS-232 (Optional) 1 x VGA Conn 4 x USB 3.0 2 x PS/2 1 x Line in/Line out/Mic in 1 x DVI (Optional)
<b>Front Panel External I/Os</b>	: 2 x USB 2.0 1 x Power/HDD LED 1 x Reset / Power on Button

### Packing List

- 1 x IV70SB7-111 Unit
- 1 x Driver Utility CD (Include SBC Manual)
- 1 x Wall-mount Kits

### Order Information

- IV70SB7-111** : Windows XP embedded  
Windows 10 IoT Enterprise  
Windows 8 embedded  
Windows 7 embedded